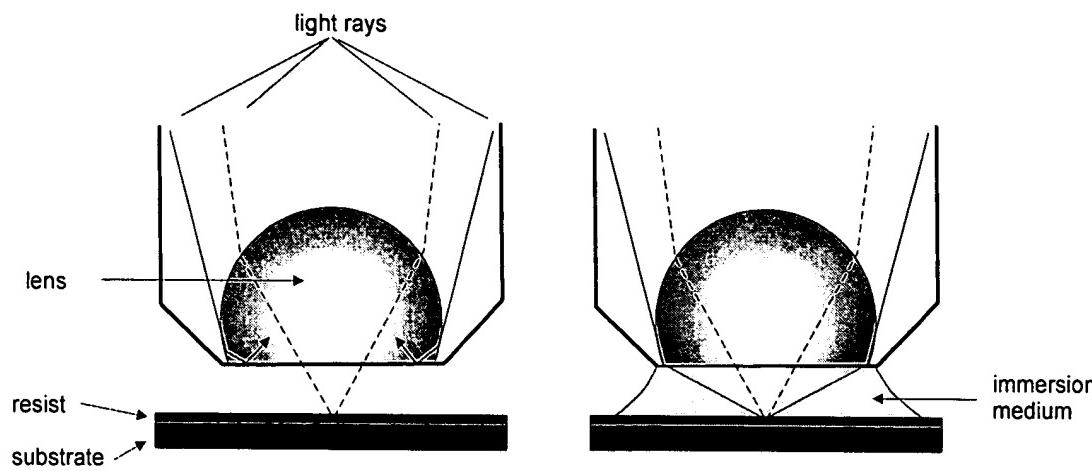


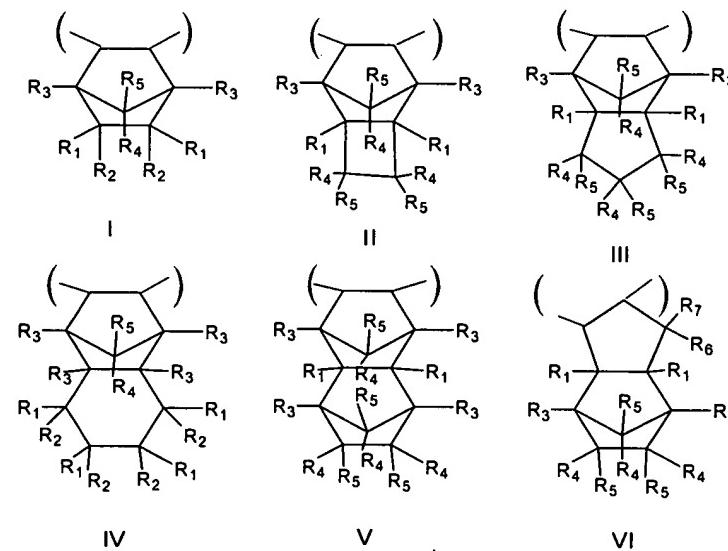


Drawings



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Figure 1: Optical path of light rays for air and an immersion medium.



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Figure 2: Multicyclic repeat units comprising an ionizable group

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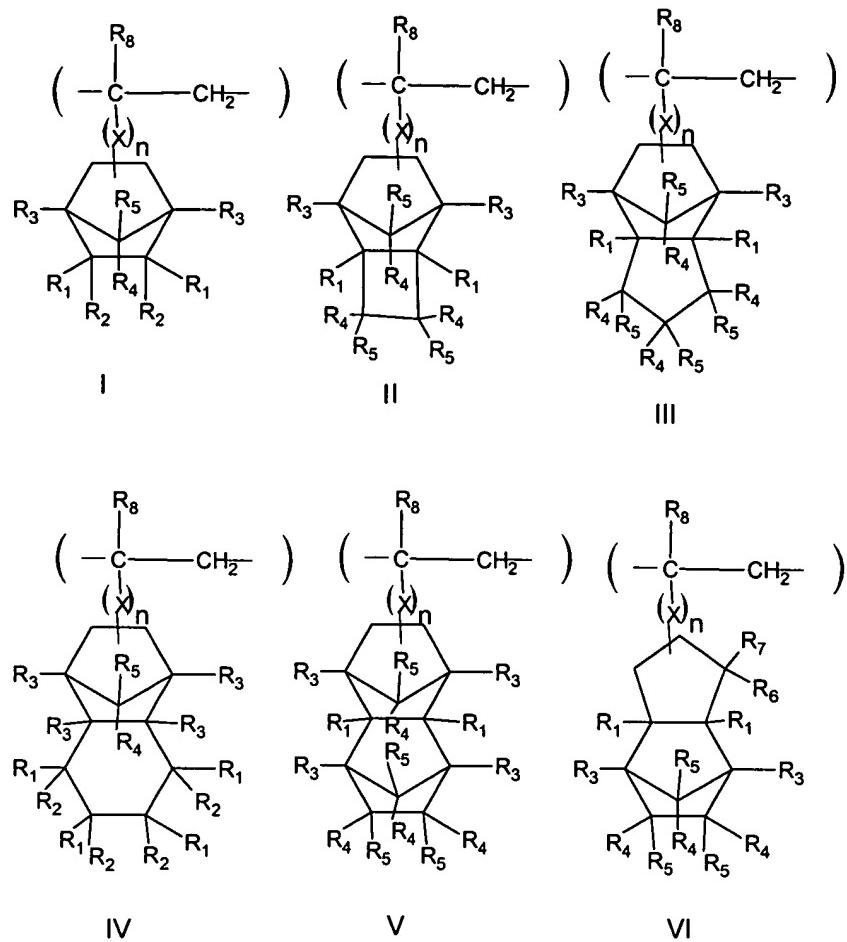


Figure 3: Multicyclic repeat units that comprising an ionizable group.

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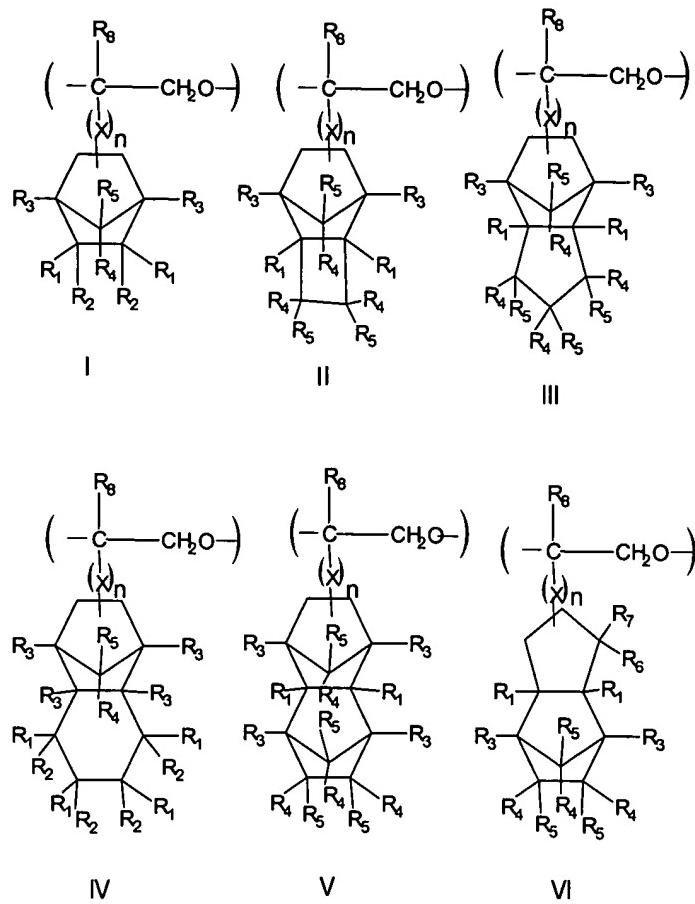


Figure 4: Multicyclic units with an ionizable group.

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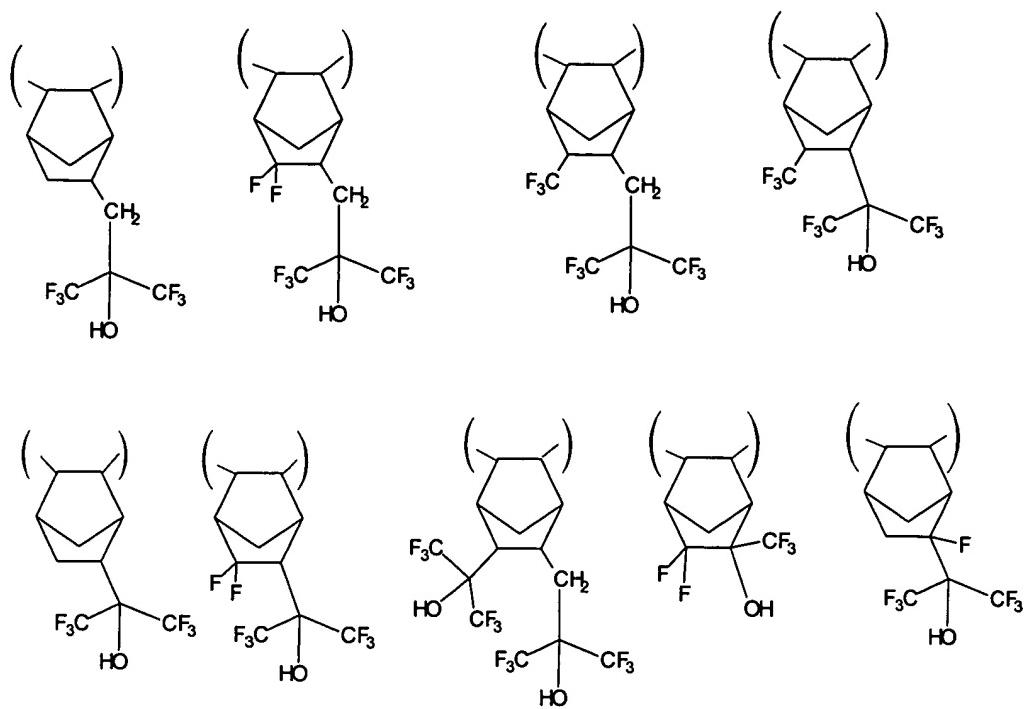


Figure 5: Examples of fluoroalcohol bearing norbornene repeat units.

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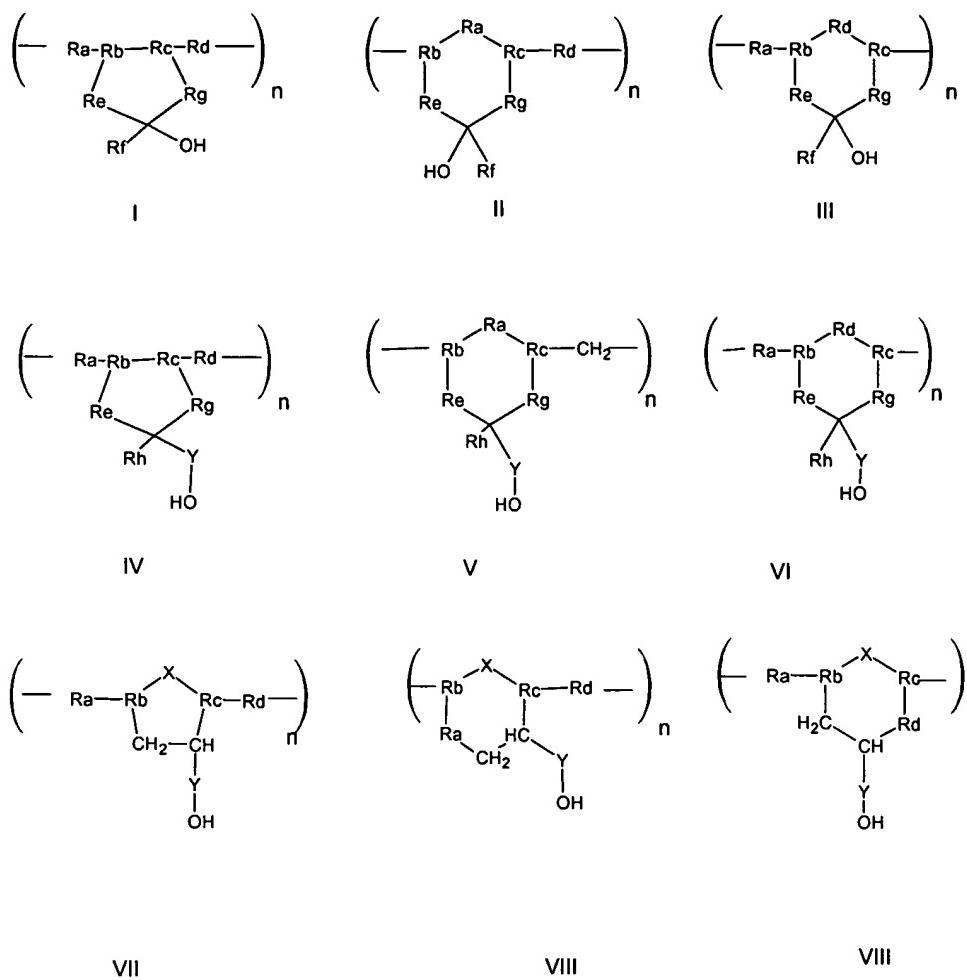


Figure 6: Monocyclic polymers having pendant hydroxy groups

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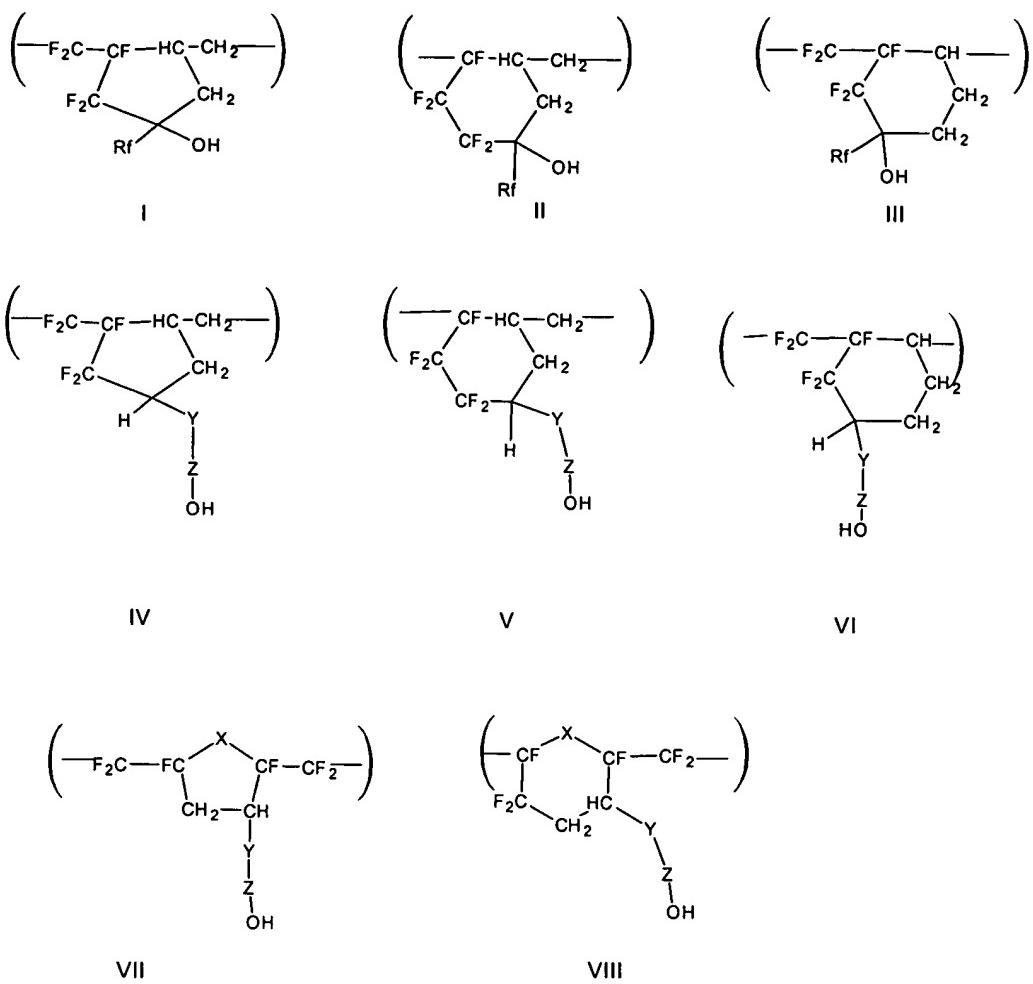


Figure 7: Partially fluorinated monocyclic polymers having pendant alcohol groups

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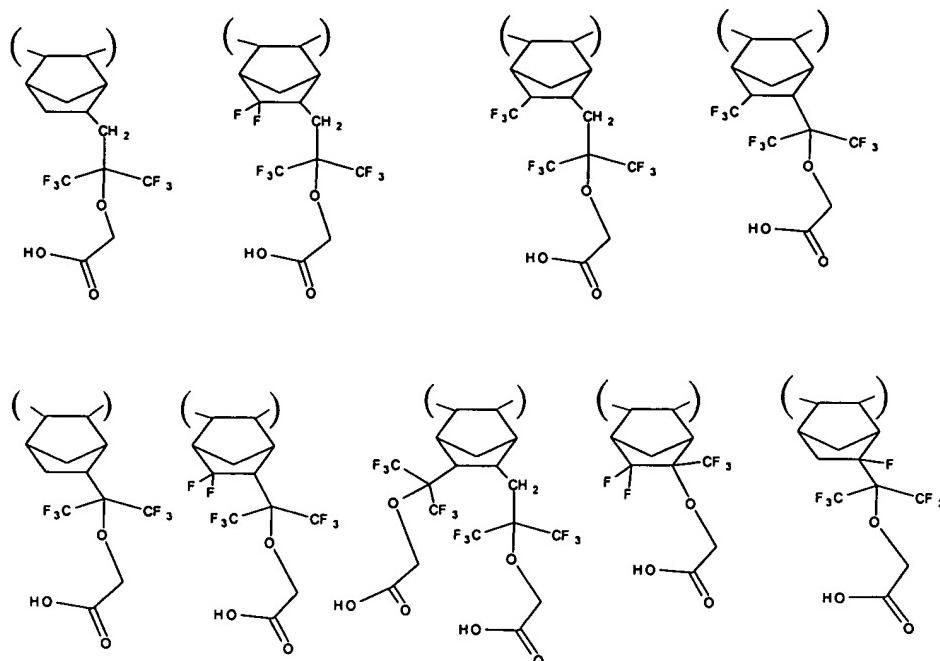


Figure 8: Examples of alkylcarboxylic acid capped norbornene repeat units.

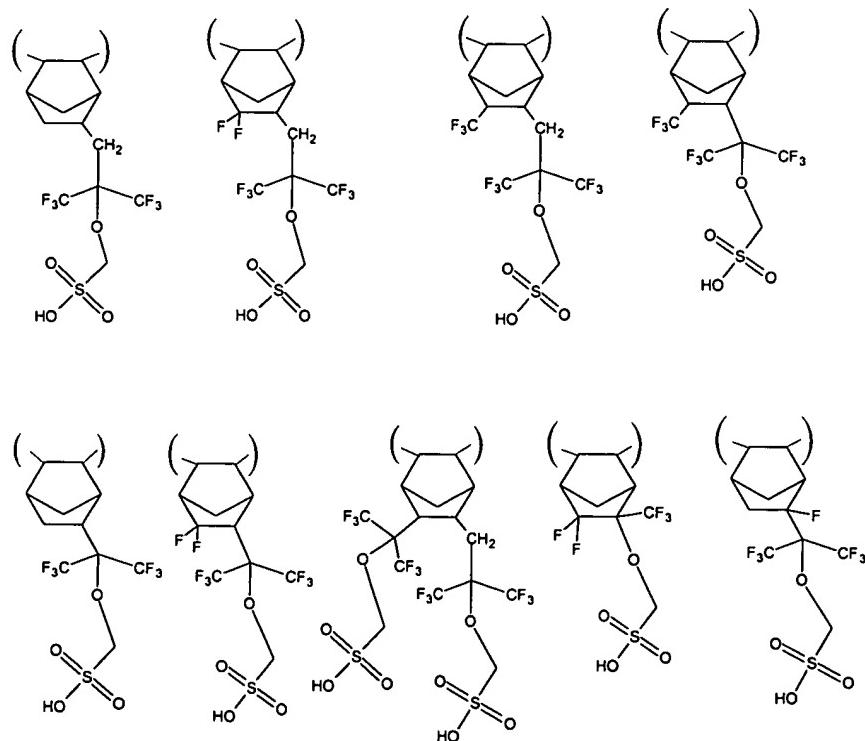


Figure 9: Examples of alkylsulfonic acid capped norbornene repeat units.

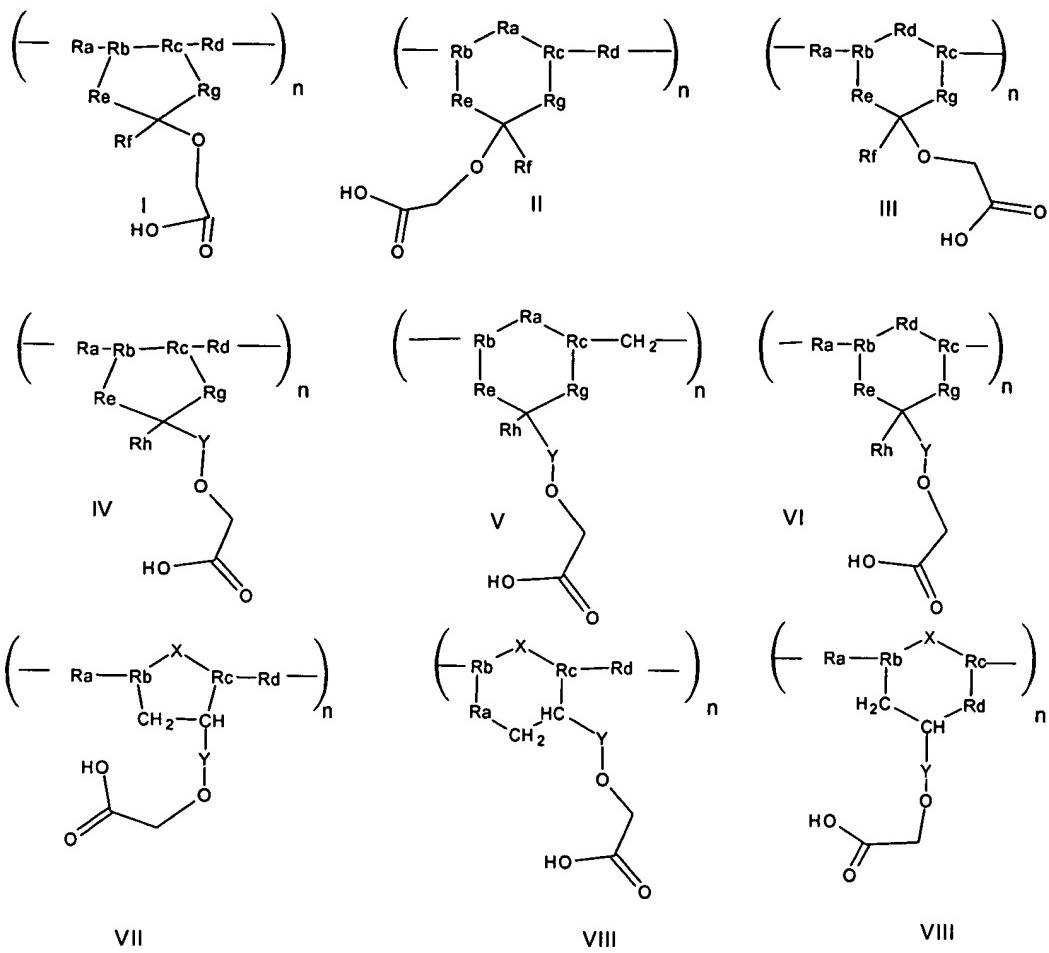


Figure 10: Generic monocyclic polymers

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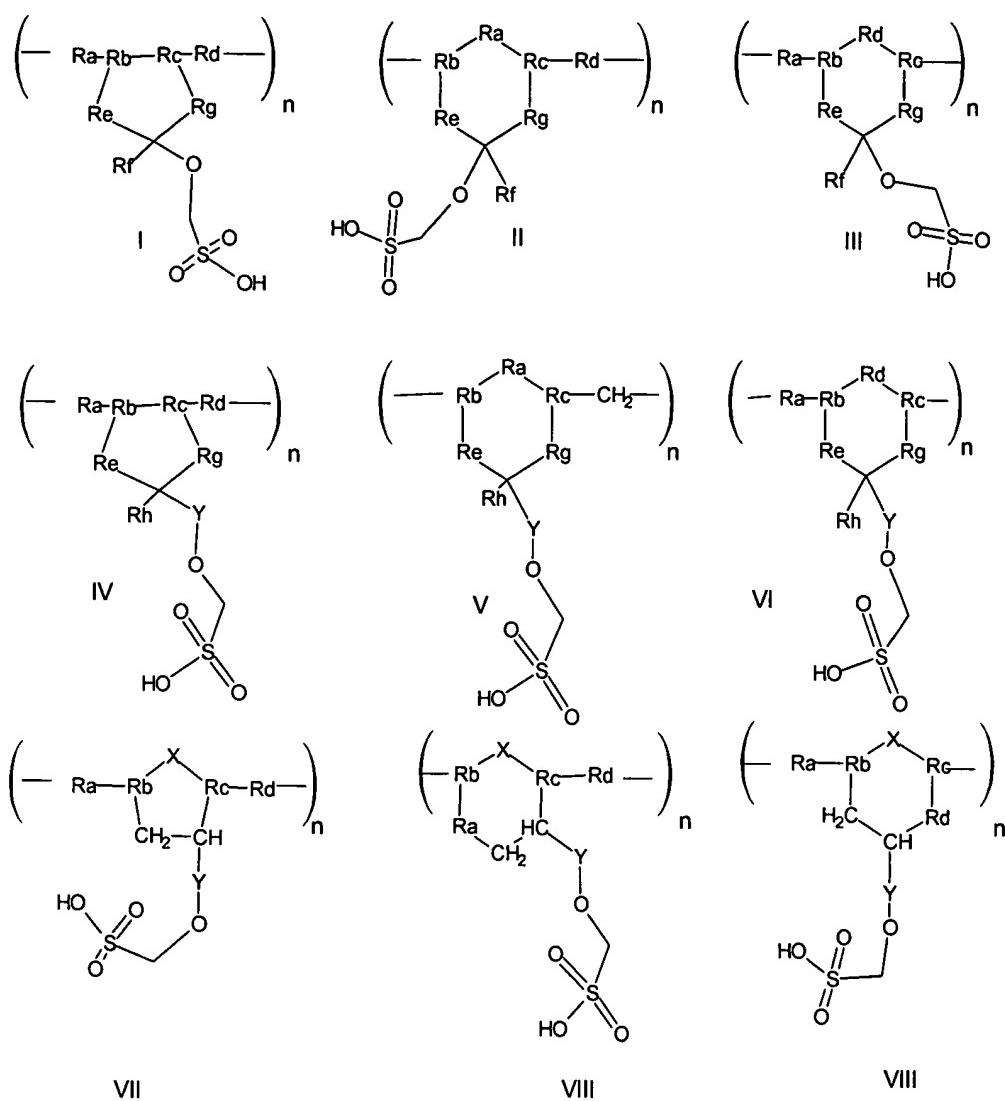


Figure11:Generic monocyclic polymers

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Sheet 9 of 11

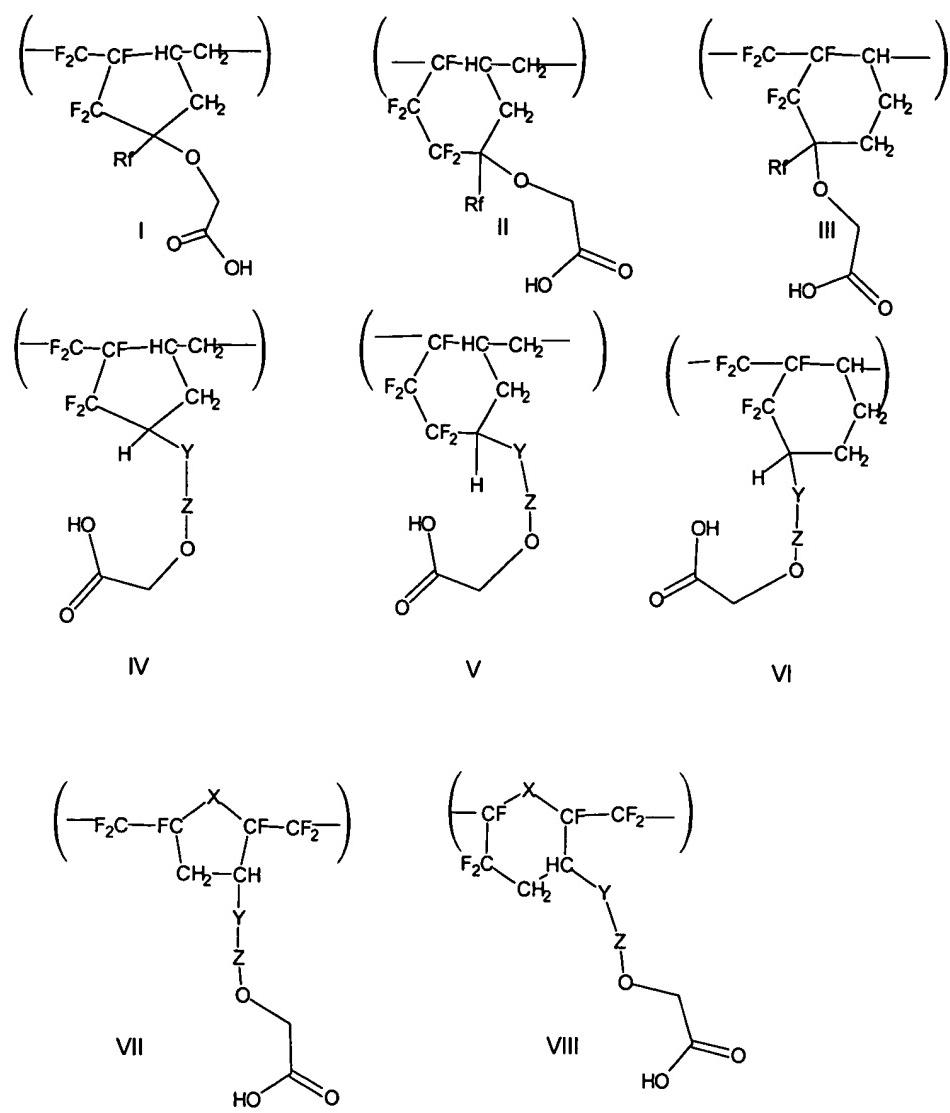


Figure 12: Partially fluorinated monocyclic polymers

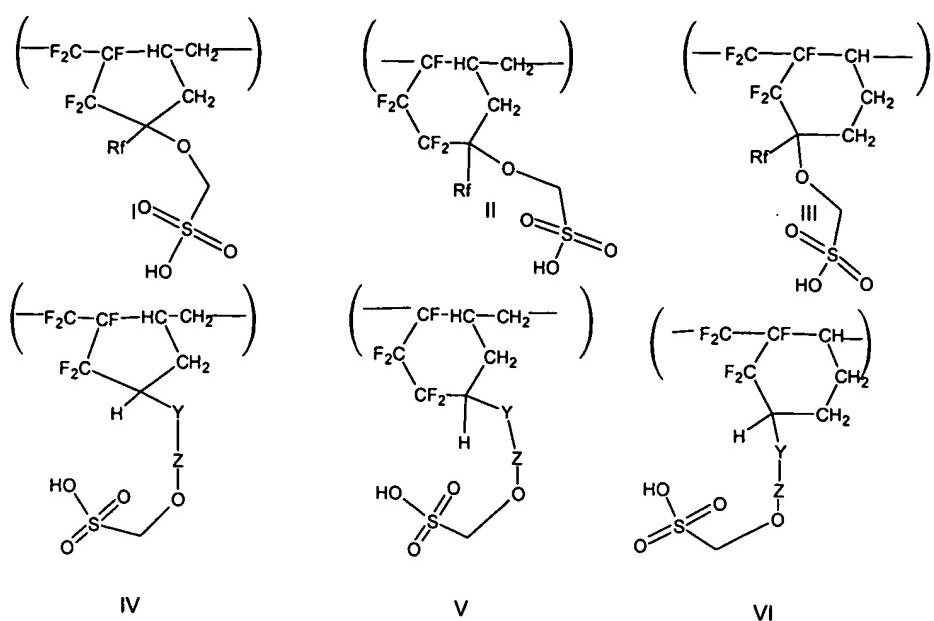


Figure 13: Partially fluorinated monocyclic polymers

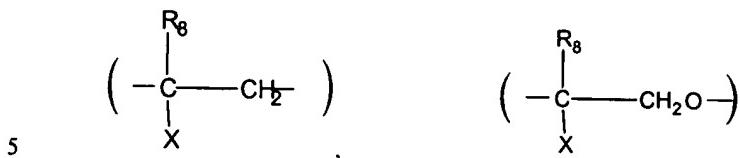


Figure 14: Examples of comonomeric repeat units.